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Attention:	MAIL STOP AF Group Art Unit: 2611 Examiner: Juan A. Torres	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3119
Pages:	Cover + 2 + 2 + 1 = 6	Date:	December 4, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

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I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 12, 2006.

Telephone No. (310) 964-4615

 A handwritten signature in black ink, appearing to read 'Georgann S. Grunebach'.
   
Georgann S. Grunebach, Reg. No. 33,179

(Printed Name of Person Signing Certificate)

 December 4, 2006  
 (Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-201148

Please find attached Re:

Serial No.: 10/068,039

Filing Date: February 5, 2002

- INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate)
- SUBSTITUTE FORM PTO 1449 (1 page)


If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

DEC 04 2006

Patent  
PD-201148  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/068,039  
Filed: February 5, 2002For: PREPROCESSING SIGNAL  
LAYERS IN A LAYERED  
MODULATION DIGITAL SIGNAL  
SYSTEM TO USE LEGACY  
RECEIVERSGroup Art Unit: 2611  
Examiner: TORRES, Juan A.: I hereby certify that this correspondence is  
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: Patents, P. O. Box 1450, Alexandria, VA  
: 22313-1450, on the date below:: Georgann S. Grunebach  
: Typed or printed name of person signing certificate

: Date: December 4, 2006

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (d)**  
**WITH FEE AS SET FORTH IN §1.17(p)**Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The references were cited in a Notice of Allowance dated November 21, 2006 in related U.S. patent application serial number 10/532,509 filed April 25, 2005.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

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**CENTRAL FAX CENTER**Serial No. 10/068,039.....**DEC. 04. 2006**.....Page 2**Certification Under 37 C.F.R. §1.97(e)**

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(2)).

**PAYMENT OF FEE SET FORTH IN §1.17(p)**

Please charge Deposit Account No. **50-0383** of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$180.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
CA/LA1/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 4, 2006

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Patent  
PD-201148  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

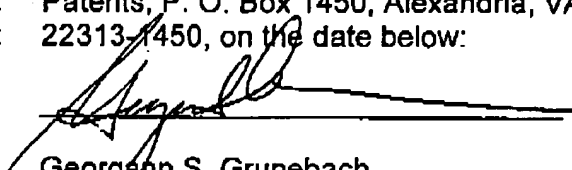
Serial No.: 10/068,039

Filed: February 5, 2002

For: PREPROCESSING SIGNAL  
LAYERS IN A LAYERED  
MODULATION DIGITAL SIGNAL  
SYSTEM TO USE LEGACY  
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Group Art Unit: 2611

Examiner: TORRES, Juan A.

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: addressed to:: Mail Stop AF, Commissioner for  
: Patents, P. O. Box 1450, Alexandria, VA  
: 22313-1450, on the date below:  
Georgann S. Grunebach

Typed or printed name of person signing certificate

Date: December 4, 2006

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (d)**  
**WITH FEE AS SET FORTH IN §1.17(p)**Mail Stop AF  
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Serial No. 10/068,039.....Page 2

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Certification Under 37 C.F.R. §1.97(e)

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Respectfully submitted,

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The DIRECTV Group, Inc.  
CA/LA1/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 4, 2006

Substitute for form PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Complete if Known</b>		
	Application Number	10/068,039	
	Filing Date	February 5, 2002	
	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
Date:	December 4, 2006	Examiner Name	TORRES, Juan A.
Sheet 1 of 1	Attorney Docket Number	PD-201148	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,369,648	04-2002	Kirkman, George F.	
		US-6,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.